| FORM<br>(REV 1                                                                                                                  | PTO-139                                                                   | 90 (Modrfied) U.S. DEPARTMENT                                                                                                                                                                                                             | ATTORNEY'S DOCKET NUMBER                                                                  |                                           |  |  |  |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------|--|--|--|--|--|--|--|--|
|                                                                                                                                 |                                                                           | RANSMITTAL LETTER                                                                                                                                                                                                                         | R.37031                                                                                   |                                           |  |  |  |  |  |  |  |  |
| l                                                                                                                               |                                                                           | DESIGNATED/ELECTE                                                                                                                                                                                                                         | ED OFFICE (DO/EO/US)                                                                      | U.S. APPHICATION NO. OF KNOWN, SEE 37 CFR |  |  |  |  |  |  |  |  |
| CONCERNING A FILING UNDER 35 U.S.C. 371                                                                                         |                                                                           |                                                                                                                                                                                                                                           |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| INTE                                                                                                                            |                                                                           | CIONAL APPLICATION NO.  PCT/DE 00/04256                                                                                                                                                                                                   | INTERNATIONAL FILING DATE  3020 November 2000                                             | PRIORITY DATE CLAIMED  01 December 1999   |  |  |  |  |  |  |  |  |
| TITLE OF INVENTION                                                                                                              |                                                                           |                                                                                                                                                                                                                                           |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| FUEL SUPPLY APPARATUS FOR AN INTERNAL COMBUSTION ENGINE                                                                         |                                                                           |                                                                                                                                                                                                                                           |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US JUL 3 0 2001 E                                                                                        |                                                                           |                                                                                                                                                                                                                                           |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| JOOS, Klaus, WOLBER, Jens, FRENZ, Thomas, BOCHUM, Hansjoerg, AMLER, Markus                                                      |                                                                           |                                                                                                                                                                                                                                           |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| Applicant herewith submits to the United Series Designated/Elected Office (DO/EO/US) the following items and other information: |                                                                           |                                                                                                                                                                                                                                           |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| 1.                                                                                                                              | $\bowtie$                                                                 | ■ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.                                                                                                                                                            |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| 2.                                                                                                                              |                                                                           | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.                                                                                                                                               |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| 3.                                                                                                                              |                                                                           | This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| 4.                                                                                                                              |                                                                           | A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.                                                                                                             |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| 5:                                                                                                                              | $\boxtimes$                                                               | A copy of the International Application as filed (35 U.S.C. 371 (c) (2))                                                                                                                                                                  |                                                                                           |                                           |  |  |  |  |  |  |  |  |
|                                                                                                                                 |                                                                           | a. \( \sigma\) is transmitted herewith (required only if not transmitted by the International Bureau).                                                                                                                                    |                                                                                           |                                           |  |  |  |  |  |  |  |  |
|                                                                                                                                 |                                                                           | <ul> <li>b.  has been transmitted by the International Bureau.</li> <li>c.  is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ul>                                                        |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| 6.                                                                                                                              |                                                                           | c. $\square$ is not required, as the application was filed in the United States Receiving Office (RO/US).  A translation of the International Application into English (35 U.S.C. 371(c)(2)).                                             |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| 7.                                                                                                                              | ×                                                                         | A copy of the International Search Report (PCT/ISA/210).                                                                                                                                                                                  |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| 8.                                                                                                                              |                                                                           | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))                                                                                                                                     |                                                                                           |                                           |  |  |  |  |  |  |  |  |
|                                                                                                                                 |                                                                           | a.  \[ \sigma\] are transmitted herewith (required only if not transmitted by the International Bureau).                                                                                                                                  |                                                                                           |                                           |  |  |  |  |  |  |  |  |
|                                                                                                                                 |                                                                           | b. $\square$ have been transmitted by the International Bureau.                                                                                                                                                                           |                                                                                           |                                           |  |  |  |  |  |  |  |  |
|                                                                                                                                 |                                                                           | c. $\square$ have not been made; however, the time limit for making such amendments has NOT expired.                                                                                                                                      |                                                                                           |                                           |  |  |  |  |  |  |  |  |
|                                                                                                                                 |                                                                           | d. $\square$ have not been made and will not be made.                                                                                                                                                                                     |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| 9.                                                                                                                              |                                                                           | A translation of the amendments                                                                                                                                                                                                           | A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). |                                           |  |  |  |  |  |  |  |  |
| 10.                                                                                                                             |                                                                           | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).                                                                                                                                                                         |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| 11.                                                                                                                             |                                                                           | A copy of the International Preliminary Examination Report (PCT/IPEA/409).                                                                                                                                                                |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| 12.                                                                                                                             |                                                                           | A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).                                                                                                             |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| It                                                                                                                              | ems 1                                                                     | 13 to 20 below concern document                                                                                                                                                                                                           | (s) or information included:                                                              |                                           |  |  |  |  |  |  |  |  |
| 13.                                                                                                                             |                                                                           | An Information Disclosure Statement under 37 CFR 1.97 and 1.98.                                                                                                                                                                           |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| 14.                                                                                                                             |                                                                           | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.                                                                                                                         |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| 15.                                                                                                                             |                                                                           | A FIRST preliminary amendment.                                                                                                                                                                                                            |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| 16.                                                                                                                             |                                                                           | A SECOND or SUBSEQUENT                                                                                                                                                                                                                    | preliminary amendment.                                                                    |                                           |  |  |  |  |  |  |  |  |
| 17.                                                                                                                             |                                                                           | A substitute specification.                                                                                                                                                                                                               |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| 18.                                                                                                                             |                                                                           | A change of power of attorney and/or address letter.                                                                                                                                                                                      |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| 19.                                                                                                                             |                                                                           | Certificate of Mailing by Express Mail Other items or information                                                                                                                                                                         |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| 20.                                                                                                                             | ×                                                                         | Other items or information:                                                                                                                                                                                                               |                                                                                           |                                           |  |  |  |  |  |  |  |  |
| l                                                                                                                               |                                                                           | Copy of German Text Applie                                                                                                                                                                                                                | cate w/fees charged to Dep.Acct. 07-2100                                                  |                                           |  |  |  |  |  |  |  |  |
|                                                                                                                                 | Translation of German Text Application w/3 sheets drawings (not enclosed) |                                                                                                                                                                                                                                           |                                                                                           |                                           |  |  |  |  |  |  |  |  |
|                                                                                                                                 |                                                                           | Preliminary Amendment (not enclosed)  Evecuted Declaration (not enclosed)                                                                                                                                                                 |                                                                                           |                                           |  |  |  |  |  |  |  |  |
|                                                                                                                                 |                                                                           | Executed Declaration (not enclosed) Assignment to Robert Bosch GmbH (not enclosed)                                                                                                                                                        |                                                                                           |                                           |  |  |  |  |  |  |  |  |
|                                                                                                                                 |                                                                           | Copy of PCT/RO/101                                                                                                                                                                                                                        |                                                                                           |                                           |  |  |  |  |  |  |  |  |
|                                                                                                                                 |                                                                           | Copy of PCT/ISA/210, 220                                                                                                                                                                                                                  |                                                                                           |                                           |  |  |  |  |  |  |  |  |
|                                                                                                                                 |                                                                           |                                                                                                                                                                                                                                           |                                                                                           |                                           |  |  |  |  |  |  |  |  |

11 121010 Rec'd PCT/PTO 3 0 JUL 2001

| U.S. APPLICA                                                                                                                                                                                                                                 | PPLICATION NO (IF KNOWN, SEE 37 CFR INTERNATIONAL APPLICATION NO. PCT/DE ©0/04256 |                         |                      |                    |                         |                    |                                                            |                             |                     | ATTORNEY'S DOCKET NUMBER R.37031 |                       |        |               |    |              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------|----------------------|--------------------|-------------------------|--------------------|------------------------------------------------------------|-----------------------------|---------------------|----------------------------------|-----------------------|--------|---------------|----|--------------|
|                                                                                                                                                                                                                                              | The foll                                                                          | •                       | -                    |                    |                         |                    |                                                            |                             |                     |                                  |                       | CA     | LCULATION     | NS | PTO USE ONLY |
| BASIC NAT                                                                                                                                                                                                                                    |                                                                                   |                         |                      |                    |                         |                    |                                                            |                             |                     |                                  |                       |        |               | 1  |              |
| intern<br>and Ir                                                                                                                                                                                                                             | national<br>nternatio                                                             | searc<br>onal S         | h fee (3<br>Search l | 37 CFF<br>Report   | R 1.445(a<br>not prej   | a)(2) p<br>pared l | n fee (37 CFR 1.482)<br>paid to USPTO<br>by the EPO or JPO | • • • • • • • • •           |                     | \$1,0                            | 00.00                 |        |               |    |              |
| USPI                                                                                                                                                                                                                                         | l'O but I                                                                         | Intern                  | ation S              | earch l            | Report p                | repare             | CFR 1.482) not pai<br>ed by the EPO or JP                  | O                           |                     | \$8                              | 60.00                 |        |               |    |              |
| but in                                                                                                                                                                                                                                       | nternatio                                                                         | onal se                 | earch fe             | ee (37 e           | CFR 1.4                 | 145(a)(            | CFR 1.482) not pai<br>(2)) paid to USPTO                   |                             | )<br>               | \$7                              | 10.00                 |        |               |    |              |
| but all                                                                                                                                                                                                                                      | ll claims                                                                         | s did r                 | ot satis             | sfy pro            | ovisions                | of PC'             | d to USPTO (37 CF)<br>T Article 33(1)-(4).                 |                             |                     | \$6                              | 90.00                 |        |               |    |              |
| ☐ International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)                                                                                                        |                                                                                   |                         |                      |                    |                         |                    |                                                            |                             |                     |                                  | _                     |        |               |    |              |
|                                                                                                                                                                                                                                              |                                                                                   |                         |                      |                    |                         | _                  | ATE BASIC F                                                |                             |                     | <b>NT</b> =                      |                       |        | \$860.00      |    |              |
| Surcharge of months from                                                                                                                                                                                                                     | \$130.00<br>the earl                                                              | 0 for t                 | urnish<br>aimed      | ing the<br>priorit | oath or<br>y date (     | declar<br>37 CF    | ration later than<br>FR 1.492 (e)).                        | ⊠ 2                         | 0                   | □ 3                              | 0                     |        | \$130.00      |    |              |
| CLAIMS                                                                                                                                                                                                                                       |                                                                                   |                         | NUN                  | 1BER               | FILED                   |                    | NUMBER EX                                                  | TRA                         |                     | RAT                              | E                     |        | <u>·</u>      |    |              |
| Total claims                                                                                                                                                                                                                                 |                                                                                   |                         |                      |                    | - 20 =                  | =                  | 0                                                          |                             | х                   | \$18.0                           | 00                    |        | \$0.00        |    |              |
| Independent of                                                                                                                                                                                                                               |                                                                                   |                         |                      |                    | - 3=                    |                    | 0                                                          |                             | х                   | \$80.0                           | 00                    |        | \$0.00        | L  |              |
| Multiple Dep                                                                                                                                                                                                                                 | pendent                                                                           | Clair                   | ns (che              |                    |                         |                    | A POTE CAT                                                 | ~= T = A /F                 |                     |                                  |                       |        | \$0.00        | L  |              |
| Doduction of                                                                                                                                                                                                                                 | 1/2 for                                                                           | filing                  | L., on               |                    |                         |                    | ABOVE CAL                                                  |                             |                     |                                  |                       | ļ      | \$990.00      | L  |              |
| must also be                                                                                                                                                                                                                                 | filed (N                                                                          | lote 3                  | by sn.<br>7 CFR      | 1.9, 1             | ity, if ap<br>.27, 1.28 | plican<br>3) (che  | ole. Verified Small eck if applicable).                    | Entity State                | emen                | t                                |                       |        | \$0.00        |    |              |
|                                                                                                                                                                                                                                              |                                                                                   |                         |                      |                    |                         |                    | ****                                                       | SUB                         | ГОТ                 | ΓAL                              |                       |        | \$990.00      |    |              |
| Processing fee<br>months from t                                                                                                                                                                                                              | e of \$13<br>the earl                                                             | <b>30.00</b><br>iest cl | for fur<br>aimed     | nishing<br>priorit | g the Eng<br>y date (   | glish tı<br>37 CF  | ranslation later than R 1.492 (f)).                        | ⊠ 20                        | 0                   | □ 3                              | 0 +                   |        | \$130.00      |    |              |
|                                                                                                                                                                                                                                              |                                                                                   |                         |                      |                    |                         |                    | TOTAL NA                                                   | TIONAI                      | F                   | EE                               | =                     |        | \$1,120.00    | ┢╴ |              |
| Fee for record accompanied                                                                                                                                                                                                                   | ling the                                                                          | enclo<br>pprop          | sed ass              | signme<br>over st  | ent (37 C<br>neet (37 c | CFR 1.<br>CFR 3    | .21(h)). The assignr<br>3.28, 3.31) (check i               | nent must b                 | e).                 |                                  |                       |        | \$0.00        |    |              |
|                                                                                                                                                                                                                                              |                                                                                   |                         |                      |                    |                         |                    | TOTAL FEES                                                 | S ENCL                      | OSI                 | ED                               | =                     |        | \$1,120.00    |    |              |
|                                                                                                                                                                                                                                              |                                                                                   |                         |                      |                    |                         |                    |                                                            |                             |                     |                                  | unt to be:<br>efunded | \$     |               |    |              |
|                                                                                                                                                                                                                                              |                                                                                   |                         |                      |                    |                         |                    |                                                            |                             |                     |                                  |                       |        | charged       | \$ |              |
| <ul> <li>□ A check in the amount of to cover the above fees is enclosed.</li> <li>☑ Please charge my Deposit Account No. O7-2100 in the amount of \$1,120.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</li> </ul> |                                                                                   |                         |                      |                    |                         |                    |                                                            |                             |                     |                                  |                       |        |               |    |              |
| The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. <b>07-2100</b> A duplicate copy of this sheet is enclosed.                                                  |                                                                                   |                         |                      |                    |                         |                    |                                                            |                             |                     |                                  |                       |        |               |    |              |
| NOTE: Whe<br>1.137(a) or (b                                                                                                                                                                                                                  | ere an a<br>o)) mus                                                               | pprop<br>t be fi        | oriate t<br>led an   | time li<br>d gran  | mit und<br>ited to r    | er 37<br>estore    | CFR 1.494 or 1.495 the application to                      | 5 has not be<br>pending sta | een n<br>atus.      | net, a                           | petitio               | n to r | evive (37 CFR | ł  |              |
| SEND ALL C                                                                                                                                                                                                                                   | ORRES                                                                             | SPON                    | DENC                 | E TO:              |                         |                    |                                                            |                             |                     |                                  | 1/                    | //     | 41/           |    | ~            |
|                                                                                                                                                                                                                                              | Ronald E. Greigg<br>GREIGG & GREIGG P.L.L.C.                                      |                         |                      |                    |                         |                    |                                                            |                             | SIGNATURE SIGNATURE |                                  |                       |        |               |    |              |
| 1423 Powha                                                                                                                                                                                                                                   | 1423 Powhatan Street                                                              |                         |                      |                    |                         |                    |                                                            |                             | Ronald E. Greigg    |                                  |                       |        |               |    |              |
| Unit One<br>Alexandria, VA 22314                                                                                                                                                                                                             |                                                                                   |                         |                      |                    |                         |                    |                                                            |                             | NAME                |                                  |                       |        |               |    |              |
| ,                                                                                                                                                                                                                                            |                                                                                   |                         |                      |                    |                         |                    |                                                            | 31,517                      |                     |                                  |                       |        |               |    |              |
| Customer No. 002119                                                                                                                                                                                                                          |                                                                                   |                         |                      |                    |                         |                    | REGISTRATION                                               |                             |                     |                                  | N NU                  | MBER   |               |    |              |
| Telephone: (703) 838-5500<br>Facsimile: (703) 838-5554                                                                                                                                                                                       |                                                                                   |                         |                      |                    |                         |                    |                                                            | 30 July 2001                |                     |                                  |                       |        |               |    |              |
| Facsimile: (                                                                                                                                                                                                                                 | (703) 8                                                                           | 38-55                   | 54                   |                    |                         |                    |                                                            |                             | DA                  |                                  | <b>2</b> 00.          |        |               |    |              |
|                                                                                                                                                                                                                                              |                                                                                   |                         |                      |                    |                         |                    |                                                            | 1                           |                     |                                  |                       |        |               |    |              |